

Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09703689 on December 13, 2002

Original Classifications

9 360/75  
5 360/78.09  
2 318/254  
2 318/569  
2 360/67  
2 360/69  
2 360/78.06

Cross-Reference Classifications

16 360/75  
9 360/78.04  
4 318/254  
3 318/138  
3 318/368  
3 318/439  
3 318/560  
3 318/561  
3 360/66  
3 360/73.03  
3 360/78.09  
2 318/434  
2 318/442  
2 318/500  
2 360/60  
2 360/69  
2 360/78.06  
2 360/78.07  
2 369/44.27

Combined Classifications

25 360/75  
10 360/78.04  
8 360/78.09  
6 318/254  
4 318/439  
4 318/560  
4 360/69  
4 360/78.06  
3 318/138  
3 318/368

3 318/561  
3 318/569  
3 360/66  
3 360/67  
3 360/73.03  
2 318/109  
2 318/377  
2 318/434  
2 318/442  
2 318/500  
2 318/801  
2 360/46  
2 360/60  
2 360/77.04  
2 360/78.07  
2 360/78.12  
2 369/44.27

Titles of Most Frequently Occurring Classifications of Patents Returned  
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- 25 360/75 (9 OR, 16 XR)  
Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR  
RETRIEVAL  
360/69 AUTOMATIC CONTROL OF A RECORDER MECHANISM  
360/75 .Controlling the head
- 10 360/78.04 (1 OR, 9 XR)  
Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR  
RETRIEVAL  
360/69 AUTOMATIC CONTROL OF A RECORDER MECHANISM  
360/75 .Controlling the head  
360/78.01 ..Track changing  
360/78.04 ...For rotary carrier (e.g., disc)
- 8 360/78.09 (5 OR, 3 XR)  
Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR  
RETRIEVAL  
360/69 AUTOMATIC CONTROL OF A RECORDER MECHANISM  
360/75 .Controlling the head  
360/78.01 ..Track changing  
360/78.04 ...For rotary carrier (e.g., disc)  
360/78.09 ....Including model of servo system or element
- 6 318/254 (2 OR, 4 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/254 SELF-COMMUTATED IMPULSE OR RELUCTANCE MOTORS
- 4 318/439 (1 OR, 3 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/439 MOTOR COMMUTATION CONTROL SYSTEMS
- 4 318/560 (1 OR, 3 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/560 POSITIONAL SERVO SYSTEMS (E.G.,  
SERVOMECHANISMS)
- 4 360/69 (2 OR, 2 XR)  
Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR  
RETRIEVAL  
360/69 AUTOMATIC CONTROL OF A RECORDER MECHANISM

4 360/78.06 (2 OR, 2 XR)

Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR  
RETRIEVAL

360/69 AUTOMATIC CONTROL OF A RECORDER MECHANISM

360/75 .Controlling the head

360/78.01 ..Track changing

360/78.04 ...For rotary carrier (e.g., disc)

360/78.06 ....Specified velocity pattern during access

3 318/138 (0 OR, 3 XR)

Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS

318/138 SPACE-DISCHARGE-DEVICE COMMUTATED MOTOR

3 318/368 (0 OR, 3 XR)

Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS

318/362 BRAKING

318/364 .Automatic and/or with time-delay means

318/366 ..Condition of motor or driven device

318/368 ...Armature or primary circuit voltage or  
terminal or counter e.m.f. voltage

3 318/561 (0 OR, 3 XR)

Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS

318/560 POSITIONAL SERVO SYSTEMS (E.G.,  
SERVOMECHANISMS)

318/561 .Adaptive or optimizing systems including  
"bang-bang" servos

3 318/569 (2 OR, 1 XR)

Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS

318/560 POSITIONAL SERVO SYSTEMS (E.G.,  
SERVOMECHANISMS)

318/567 .Program- or pattern-controlled systems

318/569 ..Digital or numerical systems

3 360/66 (0 OR, 3 XR)

Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR  
RETRIEVAL

360/55 GENERAL RECORDING OR REPRODUCING

360/66 .Specifics of biasing or erasing

3 360/67 (2 OR, 1 XR)

Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR  
RETRIEVAL

360/55 GENERAL RECORDING OR REPRODUCING

360/67 .Specifics of the amplifier

3 360/73.03 (0 OR, 3 XR)

Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR  
RETRIEVAL

360/69 AUTOMATIC CONTROL OF A RECORDER MECHANISM

360/71 .Controlling the record

360/73.01 ..Speed

360/73.03 ...Rotary carrier

2 318/109 (1 OR, 1 XR)

Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS

318/34 PLURAL, DIVERSE OR DIVERSELY CONTROLLED  
ELECTRIC MOTORS

318/105 .Plural, diverse or diversely controlled  
sources of armature (or primary) supply

318/106 ..Diverse sources

318/109 ...Different voltages

2 318/377 (1 OR, 1 XR)

Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS

318/362 BRAKING

318/375 .Dynamic braking

318/376 ..Regenerative

318/377 ...With additional source of e.m.f.

2 318/434 (0 OR, 2 XR)

Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS

318/434 LIMITATION OF MOTOR LOAD, CURRENT, TORQUE OR  
FORCE (E.G., PREVENTING OVERLOAD)

2 318/442 (0 OR, 2 XR)

Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS

318/440 HAVING PLURAL, DIVERSE OR DIVERSELY CONTROLLED  
SOURCES

318/442 .Different voltages

2 318/500 (0 OR, 2 XR)

Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS

318/494 ARMATURE (OR PRIMARY) CIRCUIT CONTROL

318/500 .Plural sources of voltage (including counter  
e.m.f. cells)

2 318/801 (1 OR, 1 XR)

Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS

318/727        INDUCTION MOTOR SYSTEMS  
318/767        .Primary circuit control  
318/798        ..Responsive to motor condition  
318/799        ...Responsive to speed or rotation phase angle  
  
318/800        ....With controlled power conversion  
318/801        .....Including inverter

2 360/46        (1 OR, 1 XR)

Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR  
RETRIEVAL

360/39        GENERAL PROCESSING OF A DIGITAL SIGNAL  
360/46        .Head amplifier circuit

2 360/60        (0 OR, 2 XR)

Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR  
RETRIEVAL

360/55        GENERAL RECORDING OR REPRODUCING  
360/60        .Recording-or erasing-prevention

2 360/77.04    (1 OR, 1 XR)

Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR  
RETRIEVAL

360/69        AUTOMATIC CONTROL OF A RECORDER MECHANISM  
360/75        .Controlling the head  
360/77.01    ..Track centering  
360/77.02    ...Rotary carrier  
360/77.04    ....By memory storage of repeatable error or  
correction

2 360/78.07    (0 OR, 2 XR)

Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR  
RETRIEVAL

360/69        AUTOMATIC CONTROL OF A RECORDER MECHANISM  
360/75        .Controlling the head  
360/78.01    ..Track changing  
360/78.04    ...For rotary carrier (e.g., disc)  
360/78.06    ....Specified velocity pattern during access  
360/78.07    .....Controlled by memory device

2 360/78.12    (1 OR, 1 XR)

Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR  
RETRIEVAL

360/69        AUTOMATIC CONTROL OF A RECORDER MECHANISM  
360/75        .Controlling the head

360/78.01 ..Track changing  
360/78.04 ...For rotary carrier (e.g., disc)  
360/78.12 ....Including particular head actuator

2 369/44.27 (0 OR, 2 XR)

Class 369 : DYNAMIC INFORMATION STORAGE OR RETRIEVAL

369/43 WITH SERVO POSITIONING OF TRANSDUCER ASSEMBLY  
OVER TRACK COMBINED WITH INFORMATION SIGNAL

#### PROCESSING

369/44.11 .Optical servo system

369/44.27 ..Initialization/start-up or changing modes of  
system